

RCP Chapter General Outline

- I. Introduction
 - II. Existing Setting and Conditions
 - III. Existing Plans and Policies
 - IV. Key Issues:
 - a) Analysis of Implications of Regional Growth Vision
 - V. Action Plan
 - a) Recommended Actions for External Parties
 - b) Policy Objectives
 - c) Legislative Strategy
 - d) Mitigation Strategy
 - VI. Performance Outcomes and Indicators
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I. INTRODUCTION

- Brief synopsis of the key issues of solid and hazardous waste management in the SCAG region
- Brief description of what will be presented in the chapter

II. EXISTING SETTING AND CONDITIONS

- 1) Planning Elements under Existing State Law.** This Section will describe the existing regulatory setting for the state and the SCAG region.

- a) California Integrated Waste Management Act
 - i) Description
- b) Planning Elements Under California Integrated Waste Management Act
 - ii) County Wide Integrated Waste Management Plan
 - (1) Source Reduction and Recycling Element (SRRE)
 - (2) A Household Hazardous Waste Element (HHWE)
 - (3) Siting Element
 - (4) A Non-disposal Facility Element (NDFE)
 - iii) SCAG's Sub-regional Solid Waste Planning
 - (1) Summary of key points of subregional plans

- 2) Growth and facilities (capacity).** This section will describe the capacity of existing and planned solid waste facilities, compared with projected demand associated with population growth.

- a) Existing Facilities
 - i) Landfills in the SCAG Region
 - (1) Landfill Capacity
 - (a) Summary Table: Solid Waste Facilities in the SCAG Region
Present all landfills in SCAG region per county, permitted max. Disposal per day, total estimated permitted capacity, total estimated capacity used (%), remaining capacity (%), closure date.
 - Paragraph highlighting facts from the table.
 - ii) Transfer Stations
 - (a) Summary Table : Transfer Stations in the SCAG Region. To include name of facility, location and permitted maximum disposal per day.

- iii) Materials Recovery Facilities
 - (1) Materials Recovery
 - (a) Definition
 - (b) Different Technologies
 - (c) Pros/Cons of Technologies
 - (d) Summary Table: Materials Recovery Facilities in the SCAG Region. To include name of facility, location and permitted throughput.
- iv) Waste to Energy Facilities
 - (1) Waste-to-Energy
 - (a) Definition
 - (b) Different Technologies
 - (c) Pros/Cons of Technologies
 - (d) Summary Table: Waste to Energy Facilities in the SCAG Region. To include name of facility, location and permitted throughput.
- b) Proposed Facilities
 - i) Landfills
 - (1) Descriptive introduction of what is planned
 - ii) Transfer Stations
 - (1) Descriptive introduction of what is planned
 - iii) Materials Recovery Facilities
 - (1) Descriptive introduction of what is planned
 - iv) Waste to Energy Facilities
 - (1) Descriptive introduction of what is planned
 - v) Summary Table: Planned Facilities in the SCAG Region. To include name of new facility (landfill, transfer station, MRF and Waste to Energy), location, estimated permitted daily disposal per day and total estimated permitted capacity.
- 3) **Performance Objectives and Evaluation.** This section will evaluate existing generation, diversion and disposal, and analyze performance objectives.
 - a) Generation. Discussion of what is generated
 - i) Solid Waste
 - ii) Electronic Waste
 - iii) Household Hazardous Waste
 - iv) Summary of Table: To include what is generated by County and by material, comparison of five-year increments (?)
 - b) Diversion. Discussion of diversion performance in the region.
 - i) Intro paragraph on diversion
 - (1) Discussion of what is diverted in the SCAG Region
 - c) Disposal. Discussion of disposal performance in the region.
 - i) Intro paragraph on disposal
 - (1) Discussion of what is disposed of in the SCAG region.

d) Summary Table: SCAG's region Rate of Disposal into/out of landfills

Summary Table: to include summary of what is generated vs. what is diverted and disposed (estimated diversion, total disposal), per county, compared by five-year increments?

e) Environmental Repercussions

- i) Land use
- ii) Energy
- iii) Water Resources
- iv) Air Resources

- 4) **Intergovernmental relations.** This section will describe current and emerging issues between various levels of governments. Specifically, legislation, state mandates, regulations, and legislative and jurisdictional issues including railroad, rule making, etc.
- 5) **Transportation and transfer of solid and household hazardous waste.** This section ties into the Regional Transportation Plan (RTP). Specifically, this section will discuss efficiency and safety, and will analyze the relationship between solid waste management practices and transportation systems.
- 6) **Urban Form.** This section will address future urban growth and its implication on solid and household hazardous waste production/increase. Specifically, this section will tackle waste disposal and diversion in light of the regions anticipated growth distribution.
- 7) **New and emerging technologies**
- a) Technologies/Alternatives. Discussion of potential and issues regarding conversion technologies.
 - i) Conversion Technologies
 - (1) Definition
 - (2) Different Technologies
 - (a) Thermochemical Conversion
 - (i) Gasification
 - (ii) Pyrolysis
 - (b) Biochemical Conversion
 - (i) Anaerobic Digestion
 - (ii) Aerobic Digestion
 - (iii) Fermentation
 - (3) Potential byproducts/benefits of Conversion Technologies
 - b) Legislative Update

III. EXISTING PLAN AND POLICIES

1) Introduction paragraph

2) Existing Plans

- a) Present Previous Plans
 - i) 1994 Southern California Hazardous Waste Management Plan
 - ii) 1996 Regional Comprehensive Plan and Guide
 - iii) 2004 RTP/RCP Program EIR
 - iv) County Plans
 - v) Subregional Plans

2) Existing Policies

- a) SCAG's Solid Waste Policies

- i) Overarching Solid Waste Goal
- ii) SCAG's policies to implement overarching goal
- b) SCAG's Hazardous Waste Policies**
 - i) Overarching Solid Waste Goal
 - ii) SCAG's policies to implement overarching goal

IV. KEY ISSUES

- 1) Introduction paragraph**
- 2) Key Issues**
 - a) Present key issue in a descriptive paragraph
 - b) Present Recommended Strategies to address the issue
- 3) Analysis of Implications of Regional Growth Vision**
 - a) Paragraph/descriptive format

V. ACTION PLAN

- 1) Introduction paragraph**
- 2) Policy Objectives**
- 3) Recommended Actions**
 - a) Waste Prevention and Source Reduction
 - i) Actions
 - b) Waste Diversion
 - i) Conversion Technologies
 - (1) Actions
 - ii) Recycling
 - (1) Actions
 - iii) Composting
 - (1) Actions
 - iv) Landfills
 - (1) Actions
 - c) Actions from the Southern California Hazardous Waste Management Plan, July 1994
 - d) Hazardous Waste Reduction
- 4) Legislation Strategy**
- 5) Mitigation Strategy**

VI. PERFORMANCE OUTCOMES AND INDICATORS

- 1) Introduction paragraph
- 2) Integration of Solid and Hazardous Waste with other regional issues

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